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   J03180529]
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   D02J1/22: D05C17/02
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PA - (TORA) TORAY IND INC
PN - JP3180529 A 19910806 DW199137 000pp
  - JP2853873B2 B2 19990203 DW199910 D02G3/04 010pp
PR - JP19890317323 19891205
XA - C1991-118035
XIC - D01D-005/25; D01D-005/253; D01F-006/60; D02G-003/04; D02G-003/24;
   D02G-003/44; D02J-001/22; D05C-017/02
AB - J03180529 A crimp yarn is composed of two kinds of synthetic fibre
   multifilament (A) and (B), each single filament (a) of multifilament
   (A) and each single single filament (b) of ' multifilament (B) is
   entangled irregularly. The correlation of two kinds of synthetic fibre
   multifilament (A) and (B) forming the crimp yarn satisfy (1) fineness
   of A = 0.3 B to 0.7 B, (2) number of single yarn in A is less than B,
   (3) fineness of single filament a = 1.2 to 3.0 b, where a = 7-60 and b
   = 3-25, (4) cross-sectional shape of single filament of both (a), (b)
   is Y type, (5) degree of deformation of single filament a = 0.2 b to
   0.7b, where a = 1.2-5 and b 2-7, and (6) number of crimps of a is less
   than b.
  - USE/ADVANTAGE - Useful for a tufted carpet, esp. cut pile carpet.
   Since the carpet is exposed multifilament having thick fineness of
   single filament and multifilament having thin fineness of single
   filament support that having thick fineness of single filament, the
   carpet has rich compressibility and excellent bulkiness in spite of a
   soft touch. (11pp Dwg.No.0/4)
IW - CRIMP YARN CUT PILE CARPET BULK COMPRISE TWO TYPE SYNTHETIC FIBRE
   MULTIFILAMENT RESPECTIVE SINGLE FILAMENT ENTANGLE IRREGULAR
IKW - CRIMP YARN CUT PILE CARPET BULK COMPRISE TWO TYPE SYNTHETIC FIBRE
   MULTIFILAMENT RESPECTIVE SINGLE FILAMENT ENTANGLE IRREGULAR
NC - 001
OPD - 1989-12-05
ORD - 1991-08-06
PAW - (TORA) TORAY IND INC
TI - Crimp yarn for cut pile carpet with good bulkiness etc. - comprises
   two types of synthetic fibre multifilaments, whose respective single
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filaments are entangled irregularly

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